



**DEPARTMENT OF THE AIR FORCE
PACIFIC AIR FORCES**

21 April 2003

**MEMORANDUM FOR KING SALMON RESTORATION ADVISORY BOARD
ATTENTION: MR. RICHARD SHERMAN/MR. WILLY FOSTER**

FROM: 611 CES/CEVR
10471 20th Street Ste 338
Elmendorf AFB AK 99506-2270

SUBJECT: King Salmon Restoration Advisory Board 15 April 2003 Meeting Minutes.

The Restoration Advisory Board (RAB) 15 April 2003 meeting minutes are forwarded for your review. The next meeting will be held on 20 May 2003. Should you have any further comments or suggestions call me at (800) 222-4137 or (907) 552-7261 or email dave.hertzog@elmendorf.af.mil.

A handwritten signature in black ink, reading "David O. Hertzog".

David Hertzog, GS-12
Remedial Project Manager
King Salmon/Galena

Encl: 15 April 2003 Minutes
Agenda for 20 May 2003 Meeting

KING SALMON RESTORATION ADVISORY BOARD
APRIL 15, 2003
BASE LOUNGE, 7:00 P.M.
MEETING MINUTES

The meeting was called to order at 7:13 pm by Eddie Clarke, filling in for the co-chairs.

The following RAB members were present:

Linda Levshakoff
Ray Taylor
Emily Untalan
Eddie Clarke

Visitors and other participants are listed below.

David Hertzog – 611th U.S. Air Force
Derek Singleton – 611th U.S. Air Force
Gretchen Pikul, ADEC representative
Max Schwenne – OASIS Environmental, Inc.

Introduction of Guests

Derek Singleton was introduced. Sgt. Singleton is an explosive ordnance disposal expert. He has been performing periodic inspections of historic firing and demolition ranges in the King Salmon area for several years.

Changes to the Agenda

Range status briefing by Sgt. Singleton was added to the agenda.

Approval of the Minutes

The minutes from the 18 February 2003 meeting were approved unanimously.

NEW BUSINESS

Air Force Project Update

Lake and Penn Range Area Status

Sgt. Singleton inspected the range area across from the Lake and Penn School. Seven pieces of brass were picked up during this inspection.

In 2001 the site was fenced to control access. The fence appears to be working well because there are no foot prints or tire tracks inside the fenced area. Prior to installation of the fence the site was heavily used by people driving all terrain vehicles.

Sgt. Singleton periodically inspected the site from 1989 to 1999, when the site was fenced. This weeks inspection was the first since the site was fenced. The site was used to dispose of .50 caliber rounds via burning. The remnants of ammo found are likely kick-outs, i.e. rounds that were blown out of the fire before they burned. Many pieces of exploded brass, brass with primers, lead bullets, and even some complete rounds have been found at the site. The munitions tend to migrate up through the soil over time, eventually becoming visible at the surface. Sgt Singleton picks up the rounds as they surface to minimize any potential hazard associated with the munitions. The last live round found at the site was picked up in 1999.

EOD Area

Sgt. Singleton inspected the EOD area located along the road toward the recreation camps. The area is posted with signs and is still considered an active munitions site. He added that munitions debris has never been found in the area and he walks the area every time he travels to King Salmon to ensure the ground surface remains clear of munitions.

Ms. Untalan noted the area is used extensively by mushroom hunters. Sgt. Singleton responded that he did not believe the area was hazardous because munitions have never been found on the surface of the ground.

David Hertzog added that the site is programmed for a preliminary assessment in 2005. The purpose of the PA is to determine if there are any indications which warrant a more thorough investigation.

Projects Update

Peer review, Remedial Process Optimization team evaluation, advancing sites to closure and cleanup, and the cooperative atmosphere associated with the King Salmon IRP all indicate the King Salmon IRP is sound and proceeding with community, Air Force, and regulator support. In particular, recent reports have been reviewed by Air Force external technical review personnel and found adequate. The status of specific projects are discussed below.

Monitoring and Maintenance

Paug-Vik is currently preparing a proposal for monitoring and maintenance this season. Planned activities include monitoring Zone 1, Zone 3, Zone 4, and the Rapids Camp landfill; South Bluff treatment system maintenance; Bluffs maintenance; and a decision document for Zone 5.

Bioventing Pilot Study

The bioventing pilot study is underway: the work plan was approved this month and field work is scheduled to commence in May. The system will be operated for six months with initial and end of study respiration tests.

Money for this fiscal year was originally programmed to install the system. Mr. Hertzog opted to turn most of the money back because the results of the pilot study won't be available until March of 2004. Some of the funds have been earmarked to upgrade the South Bluff treatment system.

Zone 1 TCE Plume

Last seasons data showed increased TCE concentrations in the center of the plume. The record of decision for Zone 1 requires installation of a reactive iron wall if TCE levels remain above the action level. Further data will be collected this summer to assess the need to install the reactive iron wall.

Miscellaneous Items

Mr. Clarke reported two items identified recently:

- Monitoring wells 647 and 649 appear to be impacted by surface water run-off. It was recommended the effectiveness of the seal in the well casing be evaluated.
- Unexpected shutdowns at the South Bluff treatment system appear related to power surges which occur during periods of wind, snow, or wind and rain. Mr. Hertzog stated he is considering running power from the base to the treatment system. The base power is considered more consistent than the current power source and it is less expensive. The cost of extending power to the treatment system would be captured after three years of operation.

Mr. Hertzog wanted everyone to know they could receive copies of reports. Currently Richard Sherman receives hard copies of all reports and digital copies on CDs are available for any RAB member who wants one. LaBlatt and Anderson, a subcontractor to Paug-Vik, is in the process of digitizing the entire admin record. Mr. Hertzog is also considering making King Salmon documents available on the Internet through the 611th web page.

ADEC Update

Downtown Seep

The 2002 report is complete. It summarizes all the work performed in Phase I and Phase II.

Phase I included installation of soil borings, an interceptor trench, and monitoring wells, excavation of contaminated soil, construction of a contaminated soil stockpile, and product recovery.

Phase II included Excavation and stockpiling of contaminated soil near the creek.

This summer's work will include thermal treatment of the stockpiled soil, monitoring, and continued passive free phase product recovery. Orin Williams performs monitoring and product removal on a monthly basis. The interceptor trench has consistently removed about 35 gallons per year of fuel per using passive recovery techniques. The removal rate has remained constant after excavation of the source area contaminated soils. Monitoring data indicate the area of highest groundwater contamination levels is located beneath the site where the tank was removed.

ADEC expects the work completed last fall, combined with continued product recovery through the interception trench, will result in elimination of the sheen. Additional information regarding actions taken at the site is available via ADEC's web site through the contaminated sites data base. Thirteen pages of information, including the fact sheets prepared for the site, are available.

Ms. Pikul asked the RAB members to look for sheen on Eskimo Creek when they are in the area. She requested reports regarding how well vegetation was coming back in. If erosion or poor revegetation occurs then the state will implement repairs.

OLD BUSINESS

Pipeline and Marina

The question was asked if anything is planned to complete the pipeline and marina cleanups. Mr. Hertzog replied the projects were funded through the compliance program, not the IRP. However, he has been helping the compliance program perform the projects. All available funds were expended last season without completing cleanup. No new funds were programmed for this year; consequently, the earliest money will be available in the next fiscal year.

Three hot spots were identified along the pipeline. Number two was cleaned up last year, number three was partially cleaned up, and number one was not excavated. Excavated soil has been stockpiled and earmarked for treatment in the bio-cells; however, money to operate the bio-cells is not yet programmed. Contaminated soils will be stockpiled until money becomes available.

Approximately 1,130 cubic yards of contaminated soil were excavated from the marina. Some contaminated soil remains; however, it appears sufficient soil was removed to attain the goal of eliminating petroleum seeping into the Naknek River.

DATE AND TOPICS FOR NEXT MEETING

The agenda for the next meeting is attached.

The next meeting is scheduled for 20 May, 7:00 p.m. in the base lounge.

ADJOURNMENT

The meeting ended at 8:26 p.m.

DRAFT AGENDA
KING SALMON RESTORATION ADVISORY BOARD (RAB)
TUESDAY, MAY 20, 2003
7:00 P.M.
BASE LOUNGE

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| I. | Call to Order | Richard Sherman/Willy Foster
Community Co-Chairs
Co-Chairs |
| | a. Roll Call (all participants please sign Sign-In Sheet) | Co-Chairs |
| | b. Introduce Guests | Co-Chairs & David Hertzog |
| | c. Changes to Agenda | Co-Chairs |
| | d. Approval of the 15 April 2003 meeting minutes | RAB |
| II. | New Business | |
| | a. Air Force Project Updates | David Hertzog |
| | b. ADEC Project Updates | Gretchen Pikul |
| III. | Old Business | |
| IV. | Set Date and Tentative Topics for Next Meeting | Co-chairs |
| IV. | Meeting Adjourned | |